

P27157.A10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Haujie CHEN et al.

Group Art Unit: 2813

Appln. No. : 10/689,506

Examiner: James M. Mitchell

Filed : October 20, 2003

For : **HIGH PERFORMANCE STRESS-ENHANCED MOSFETS USING SI:C
AND SIGE EPITAXIAL SOURCE/DRAIN AND METHOD OF
MANUFACTURE**

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window, Mail Stop _____
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. Sections 1.56, 1.97 and 1.98,
Applicants hereby submit the following documents for the Examiner's consideration.

The following documents were cited in a Search Report conducted in International Patent
Application No. PCT/US04/34562, which is a counterpart of the above-captioned application. In
particular, the International Examiner cited:

- (1) U.S. Patent Publication No. 2005/0035470 published February 17, 2005 as an "X" category document (i.e., a document that calls into question of the novelty or inventive step when considered alone) and as an "E" category document (i.e., earlier application or patent but published on or after the international filing date) with regard to claims 1-3, 6, 9-15, 17, and 18-21 of the International application. The Examiner also cited this document as a "Y" category document (i.e., particular relevance; cannot be considered to involve an inventive step when combined with one or more other such documents) and as an "E" category document with regard to claims 4, 5, 8, and 16;
- (2) U.S. Patent Publication No. 2004/0173815 published September 9, 2004 as an "X" category document and as a "P" category document (i.e., published before the International filing date but after the priority date) with regard to claims 1-4, 9-12 and 17-21 of the International application. The Examiner also cited this document as as a "Y" category document and as a "P" category document with regard to claims 5, 6, 8, and 13-16 of the International application;
- (3) U.S. Patent Publication No. 2005/0051851 published March 10, 2005 as an "X" category document and as an "E" category document with regard to claims 1 and 10 of the International application; and
- (4) U.S. Patent No. 6,819,192 issued May 10, 2005 to CHEN et al. as a "Y" category document and as an "E" category document with regard to claims 6 and 13 of the International application.

Each of the above-cited documents are listed on the enclosed completed copy of the PTO-1449 Form. Accordingly, the Examiner is requested to consider these documents and to

indicate such consideration by returning a signed and initialed copy of the PTO-1449 Form with the first official communication.

Moreover, copies of the International Search Report is being submitted herewith. However, pursuant to the U.S. Patent and Trademark Office's decision to waive the requirement under 37 C.F.R. 1.98 (a)(2)(i), copies of the cited/listed U.S. patents and U.S. published patent applications are not enclosed herewith. Moreover, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

Applicants note that this Information Disclosure Statement is being filed after receipt of the first action on the merits from the U.S. Patent and Trademark Office and prior to the mailing date of either a final rejection under 37 C.F.R. 1.113 or a Notice of Allowance under 37 C.F.R. 1.311. Accordingly, Applicants enclose herewith the amount of \$180.00 to ensure consideration of the enclosed documents under 37 C.F.R. 1.97(c).

However, if the fee is missing from this Information Disclosure Statement, Applicants hereby authorize the Commissioner to charge any fees necessary to ensure consideration of the documents cited herein to Deposit Account No. 09-0458.

Should there be any questions or comments, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Haujie CHEN

A handwritten signature in black ink, appearing to read "Andrew M. Calderon", is written over a horizontal line.

Andrew M. Calderon
Reg. No. 38,093

GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
FIS920030241US1Application No.
10/689,506INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)Applicant
Haujie CHEN et al.Filing Date
October 20, 2003Group
2811

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2005	0	0	3	5	4	7	0	02-17-05	KO et al.			
	2004	0	1	7	3	8	1	5	09-09-04	YEO et al.			
	2005	0	0	5	1	8	5	1	03-10-05	CHEN et al.			
		6	8	1	9	1	9	2	05-10-05	CHEN et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			Search Reporting and Written Opinion for PCT/US04/34562, dated March 15, 2007.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.